Special Issue

Advances in Computational Methods of Studying Exposure to Chemicals

Message from the Guest Editors

The use of computational approaches has changed our understanding of toxicology by revealing important information about chemical exposure. In this Special Issue, we explore noteworthy developments and applications in computational approaches and new alternative methods. It will include case studies and examples of models and approaches in environmental and human health; the integration of data streams and approaches; chemical-exposure–gene interactions; the application of NAMs for risk assessment; emerging chemicals; in silico and mixture frameworks; research that highlights and illustrates advances in computer modeling, exposures, and chemical risk assessments. The current information on databases, chemicals, toxicity, and multiple data streams remains insufficient to address exposure, the biomarkers of their effect, and their risks. Therefore, the aim of this Special Issue is to further contribute to the collection of information, innovative approaches, and research related to advancements in computational modeling as well as new approaches and methods that address chemical exposures and risks.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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